

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/038523

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E01F9/04

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 E01F C09D B44C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 533 870 B1 (GRANSTROEM INGA-LENA ET AL) 18 March 2003 (2003-03-18) abstract	1-8
A	EP 0 492 907 A (MINNESOTA MINING AND MANUFACTURING COMPANY) 1 July 1992 (1992-07-01) abstract	1-8
A	US 4 299 874 A (JONES ET AL) 10 November 1981 (1981-11-10) column 2, line 28 - column 3, line 13	1-8



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents :

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

26 April 2005

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6533870	B1	18-03-2003	SE 513295 C2	21-08-2000
			AU 3177799 A	27-09-1999
			EP 1076736 A1	21-02-2001
			HU 0101084 A2	30-07-2001
			NO 20004510 A	08-09-2000
			PL 342018 A1	07-05-2001
			SE 9800764 A	10-09-1999
			WO 9946447 A1	16-09-1999
EP 0492907	A	01-07-1992	AT 140049 T	15-07-1996
			AU 650695 B2	30-06-1994
			AU 8830291 A	25-06-1992
			CA 2056671 A1	25-06-1992
			CA 2388405 A1	25-06-1992
			DE 69120646 D1	08-08-1996
			DE 69120646 T2	20-02-1997
			EP 0492907 A2	01-07-1992
			ES 2089156 T3	01-10-1996
			IE 914177 A1	01-07-1992
			JP 3087920 B2	18-09-2000
			JP 4303641 A	27-10-1992
			US 5536569 A	16-07-1996
			US 5194113 A	16-03-1993
			ZA 9109417 A	30-12-1992
US 4299874	A	10-11-1981	AU 537122 B2	07-06-1984
			AU 6889181 A	08-10-1981
			BR 8101890 A	06-10-1981
			CA 1142010 A1	01-03-1983
			DE 3170990 D1	25-07-1985
			EP 0037211 A1	07-10-1981
			JP 1293877 C	16-12-1985
			JP 56153003 A	26-11-1981
			JP 60017884 B	07-05-1985